From: Bahadori, Tina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7DA7967DCAFB4C5BBC39C666FEE31EC3-BAHADORI, TINA]

Sent: 10/6/2016 9:24:02 PM

To: Deener, Kathleen [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=b9a2ff1c086249ea8f6414afde8a5e54-Deener, Kathleen]; Slimak, Michael

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=197d6551afaf4d90b087c4d5bf62b53c-Slimak, Mike]; Ross, Mary

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=98359cd1f66f46ec91d327e99a3c6909-Ross, Mary]; Burke, Thomas

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=39ffc3dd34ea495b9a31e61b778fbbec-Burke, Thom]; Kavlock, Robert

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=eebac67f01094409a7fdaa955a837884-Kavlock, Robert]; Cogliano, Vincent

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376 ac 4d 32 bad 2 fe 7c fe f 2886 b-Cogliano, Vincent]; Thomas, Russell (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376 ac 4d 32 bad 2 fe 7c fe f 2886 b-Cogliano, Vincent]; Thomas, Russell (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376 ac 4d 32 bad 2 fe 7c fe f 2886 b-Cogliano, Vincent]; Thomas, Russell (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376 ac 4d 32 bad 2 fe 7c fe f 2886 b-Cogliano, Vincent]; Thomas, Russell (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376 ac 4d 32 bad 2 fe 7c fe f 2886 b-Cogliano, Vincent]; Thomas, Russell (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376 ac 4d 32 bad 2 fe 7c fe f 2886 b-Cogliano, Vincent]; Thomas, Russell (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376 ac 4d 32 bad 2 fe 7c fe f 2886 b-Cogliano, Vincent]; Thomas, Russell (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376 ac 4d 32 bad 2 fe 7c fe f 2886 b-Cogliano, Vincent]; Thomas, Russell (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376 ac 4d 32 bad 2 fe 7c fe f 2886 b-Cogliano, Vincent]; Thomas, Russell (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376 ac 4d 32 bad 2 fe 7c fe 7c

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=12f119e7a3ee447499f3d6ab5d20daeb-Thomas, Rus]; Flowers, Lynn

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=1a4411c874d041b9a8badfc32b91bd70-Flowers, Lynn]; Gwinn, Maureen

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=4bdc5237a5c440a7b664518e23eb5647-Gwinn, Maureen]; Vandenberg, John

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=dcae2b98a04540fb8d099f9d4dead690-Vandenberg, John]

Subject: A Viewpoint in JAMA with Francis Collins on Clinical Trials Reform.

This sounds similar to our efforts:

Toward a New Era of Trust and Transparency in Clinical Trials

Kathy L. Hudson, PhD¹; Michael S. Lauer, MD¹; Francis S. Collins, MD, PhD¹ Author Affiliations Article Information

¹National Institutes of Health, Bethesda, Maryland

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JAMA, 2016;316(13):1353-1354, doi:10.1001/jama.2016.14668

http://jamanetwork.com/journals/jama/article-abstract/2553888#tab1

From: Deener, Kathleen

Sent: Wednesday, October 05, 2016 6:48 PM

To: Bahadori, Tina <Bahadori.Tina@epa.gov>; Slimak, Michael <Slimak.Michael@epa.gov>; Ross, Mary

<Ross.Mary@epa.gov>; Burke, Thomas <Burke.Thomas@epa.gov>; Kavlock, Robert <Kavlock.Robert@epa.gov>;

Cogliano, Vincent <cogliano.vincent@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Flowers, Lynn

<Flowers.Lynn@epa.gov>; Gwinn, Maureen <gwinn.maureen@epa.gov>; Vandenberg, John

<Vandenberg.John@epa.gov>

Subject: RE: Innovations In Chemical Risk Assessment Weekly Meeting

I failed to include one set of key messages in the document – my apologies! Here's a revised version.

Kacee Deener, MPH

Senior Science Advisor
Office of Research and Development
(ph) 202.564.1990 | (mobile) Personal Matters / Ex. 6 deener.kathleen@epa.gov

From: Bahadori, Tina

Sent: Wednesday, October 05, 2016 6:29 PM

To: Deener, Kathleen < Deener.Kathleen@epa.gov>; Slimak, Michael < Slimak.Michael@epa.gov>; Ross, Mary < Ross.Mary@epa.gov>; Burke, Thomas < Burke.Thomas@epa.gov>; Kavlock, Robert < Kavlock.Robert@epa.gov>; Cogliano, Vincent < Cogliano, vincent@epa.gov>; Thomas, Russell < Thomas.Russell@epa.gov>; Flowers, Lynn

<Flowers.Lynn@epa.gov>; Gwinn, Maureen <gwinn.maureen@epa.gov>; Vandenberg, John

<Vandenberg_John@epa.gov>

Subject: RE: Innovations In Chemical Risk Assessment Weekly Meeting

Deliberative Process / Ex. 5

From: Deener, Kathleen

Sent: Wednesday, October 05, 2016 3:23 PM

To: Slimak, Michael <<u>Slimak.Michael@epa.gov</u>>; Bahadori, Tina <<u>Bahadori.Tina@epa.gov</u>>; Ross, Mary <<u>Ross.Mary@epa.gov</u>>; Burke, Thomas <<u>Burke.Thomas@epa.gov</u>>; Kavlock, Robert <<u>Kavlock.Robert@epa.gov</u>>; Cogliano, Vincent <<u>cogliano.vincent@epa.gov</u>>; Thomas, Russell <<u>Thomas.Russell@epa.gov</u>>; Flowers, Lynn

<<u>Flowers.Lynn@epa.gov</u>>; Gwinn, Maureen <<u>gwinn.maureen@epa.gov</u>>; Vandenberg, John

<Vandenberg.John@epa.gov>

Subject: RE: Innovations In Chemical Risk Assessment Weekly Meeting

Deliberative Process / Ex. 5

Just my two cents.

For anyone who's interested, here's some info about Public Health 3.0: https://www.healthypeople.gov/2020/tools-resources/public-health-3

I've also attached a commentary that Karen DeSalvo, an Assistant Secretary for Health at HHS, wrote for the American Journal of Public Health about public health 3.0.

Kacee Deener, MPH
Senior Science Advisor
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(ph) 202.564.1990 | (mobile) Personal Matters / Ex. 6
deener.kathleen@epa.gov

From: Slimak, Michael

Sent: Wednesday, October 05, 2016 12:43 PM

To: Bahadori, Tina 8ahadori.Tina@epa.gov; Ross, Mary Ross, Mary@epa.gov; Deener, Kathleen

<Deener.Kathleen@epa.gov>; Burke, Thomas < Burke.Thomas@epa.gov>; Kavlock, Robert < Kavlock.Robert@epa.gov>;

Cogliano, Vincent <cogliano.vincent@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Flowers, Lynn

<Flowers.Lynn@epa.gov>; Gwinn, Maureen <gwinn.maureen@epa.gov>; Vandenberg, John

<Vandenberg.John@epa.gov>

Subject: RE: Innovations In Chemical Risk Assessment Weekly Meeting

Deliberative Process / Ex. 5

From: Bahadori, Tina

Sent: Tuesday, October 04, 2016 7:15 PM

To: Ross, Mary <<u>Ross Mary@epa.gov</u>>; Deener, Kathleen <<u>Deener.Kathleen@epa.gov</u>>; Burke, Thomas

<Burke.Thomas@epa.gov>; Kavlock, Robert <Kavlock.Robert@epa.gov>; Cogliano, Vincent <cogliano.vincent@epa.gov>;

Slimak, Michael <<u>Slimak.Michael@epa.gov</u>>; Thomas, Russell <<u>Thomas.Russell@epa.gov</u>>; Flowers, Lynn

<<u>Flowers.Lynn@epa.gov</u>>; Gwinn, Maureen <<u>gwinn.maureen@epa.gov</u>>; Vandenberg, John

<Vandenberg.John@epa.gov>

Subject: RE: Innovations In Chemical Risk Assessment Weekly Meeting

Hi Everyone:

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

From: Ross, Mary

Sent: Sunday, October 02, 2016 7:17 PM

To: Deener, Kathleen < Deener. Kathleen@epa.gov>; Burke, Thomas < Burke. Thomas@epa.gov>; Kavlock, Robert

<<u>Kavlock.Robert@epa.gov</u>>; Cogliano, Vincent <<u>cogliano.vincent@epa.gov</u>>; Slimak, Michael

<Slimak.Michael@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Bahadori, Tina <Bahadori, Tina@epa.gov>;

Flowers, Lynn < Flowers.Lynn@epa.gov >; Gwinn, Maureen < gwinn.maureen@epa.gov >; Vandenberg, John

<Vandenberg.John@epa.gov>

Subject: Re: Innovations In Chemical Risk Assessment Weekly Meeting

Hi everyone. I wanted to get a head start and do my homework over the weekend, so I'll forward what I have as key messages here. They are a little boring, I'm afraid, but I'll share hoping it's a starting point for others to make more interesting. I don't have comments on the table yet, but will look at it soon.

Deliberative Process / Ex. 5

From: Deener, Kathleen

Sent: Friday, September 30, 2016 11:21 AM

To: Burke, Thomas; Kavlock, Robert; Cogliano, Vincent; Slimak, Michael; Thomas, Russell; Bahadori, Tina; Flowers, Lynn;

Gwinn, Maureen; Ross, Mary; Vandenberg, John

Subject: RE: Innovations In Chemical Risk Assessment Weekly Meeting

Attached are two documents for your review:

- 1. The general attributes table (with an updated title to reflect a portfolio approach to risk assessment)
- 2. An updated (and very concise) outline for the paper (also reflecting the title change)

Action items before our next meeting (DUE BY COB TUESDAY OCT. 4) are:

- 1. Review the table and flag anything that doesn't make sense or that raises a concern
- 2. Send the 5 key messages that you think the paper should deliver (what are the 5 main take away messages you want someone to have after reading the paper)

Thanks.

Kacee Deener, MPH
Senior Science Advisor
Office of Research and Development
(ph) 202.564.1990 | (mobile) Personal Matters / Ex. 6)
deener.kathleen@epa.gov

----Original Appointment-----

From: Gentry, Nathan On Behalf Of Burke, Thomas

Sent: Tuesday, June 28, 2016 12:10 PM

To: Burke, Thomas; Kavlock, Robert; Cogliano, Vincent; Slimak, Michael; Thomas, Russell; Bahadori, Tina; Deener,

Kathleen; Flowers, Lynn; Gwinn, Maureen; Ross, Mary; Vandenberg, John

Subject: Innovations In Chemical Risk Assessment Weekly Meeting

When: Thursday, October 06, 2016 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: 41209 RRB; Call-in: Personal Matters / Ex. 6